



PTO/SB/08A (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 14

## Complete If Known

Application Number	10/766,534
Filing Date	January 28, 2004
First Named Inventor	Ying, et al.
Art Unit	2661
Examiner Name	Unknown

Attorney Docket Number 1033-LB1004

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CHS	AA	US- 6,477,238 B1	11-05-2002	Schneider, et al.	
	BB	US- 6,498,791 B2	12-24-2002	Pickett, et al.	
	CC	US- 6,532,277 B2	03-11-2003	Ulanskas, et al.	
	DD	US- 6,507,606 B2	01-14-2003	Shenoi, et al.	
	EE	US- 6,538,451 B1	03-25-2003	Galli, et al.	
	FF	US- 6,724,859 B1	04-20-2004	Galli	
	GG	US- 6,731,678 B1	05-04-2004	White, et al.	
	HH	US- 6,697,768 B2	02-24-2004	Jones, et al.	
	II	US- 6,549,568 B1	04-15-2003	Bingel	
	JJ	US- 6,625,255 B1	09-23-2003	Green, et al.	
	KK	US- 6,643,266 B1	11-04-2003	Pugaczewski	
	LL	US- 6,668,041 B2	12-23-2003	Kamali, et al.	
	MM	US- 6,782,082 B2	08-24-2004	Rahamim	
	NN	US- 6,728,238 B1	04-27-2004	Long, et al.	
	OO	US- 6,640,239 B1	10-28-2003	Gidwani	
	PP	US- 6,597,689 B1	07-22-2003	Chiu, et al.	
	QQ	US- 6,466,088 B1	10-15-2002	Rezvani, et al.	
	RR	US- 6,769,000 B1	07-27-2004	Akhtar, et al.	
CHS	SS	US- 6,769,024 B1	07-27-2004	Natarajan, et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
TT						
UU						
VV						
WW						
XX						
YY						

Examiner Signature

*Chiu*

Date Considered

11/07

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## Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/766,534
Filing Date	January 28, 2004
First Named Inventor	Guangshuan Shawn Ying
Art Unit	2616
Examiner Name	CHIN, Wellington

Attorney Docket Number 1033-LB1004

## U. S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>3</sup> (if known)			
CAS	A1	US-2005/0002335 A1	01-06-2005	Adamczyk, et al.	
CAS	B1	US-2005/0152370 A1	07-14-2005	Meehan, et al.	
	C1	US-			
	D1	US-			
	E1	US-			
	F1	US-			
	G1	US-			
	H1	US-			
	I1	US-			
	J1	US-			
	K1	US-			
	L1	US-			
	M1	US-			
	N1	US-			
	O1	US-			
	P1	US-			
	Q1	US-			
	R1	US-			
	S1	US-			

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		Country Code <sup>5</sup> Number <sup>6</sup> Kind Code <sup>7</sup> (if known)				
	T1					
	U1					
	V1					
	W1					
	X1					
	Y1					

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Substitute for form 1449/PTO		<i>Complete if Known</i>	
		Application Number	10/766,534
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	January 28, 2004
<i>(Use as many sheets as necessary)</i>		First Named Inventor	Ying, et al.
		Art Unit	2661
		Examiner Name	Unknown
Sheet	4	of	4
		Attorney Docket Number	1033-LB1004

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CHS	CA	INTERNATIONAL TELECOMMUNICATION UNION, "Series G:Transmission Systems and Media, Digital Systems and Networks. Digital Sections and Digital Line System-Access Networks. Asymmetric Digital Subscriber Line (ADSL) Transceivers- 2(ADSL2)," G.992.3, ITU-T, July 2002, pages 1-127.	
	CB		
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	CI		
	CJ		
	CK		

Examiner Signature	<i>Smith</i>	Date Considered	11/07
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 3 of 4

Application Number	10/766,534
Filing Date	January 28, 2004
First Named Inventor	Ying, et al.
Art Unit	2661
Examiner Name	Unknown

Attorney Docket Number 1033-LB1004

## U. S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
CHS	BA	US- 6,775,273 B1	08-10-2004	Kung, et al.	
	BC	US- 6,775,267 B1	08-10-2004	Kung, et al.	
	BD	US- 5,751,338	05-12-1998	Ludwig, Jr.	
	BE	US- 5,974,139	10-26-1999	McNamara, et al.	
	BF	US- 5,987,061	11-16-1999	Chen	
	BG	US- 6,044,107	03-28-2000	Gatherer, et al.	
	BH	US- 6,055,268	04-25-2000	Timm, et al.	
	BI	US- 6,700,927 B1	03-02-2004	Esliger, et al.	
	BJ	US- 6,658,052 B2	12-02-2003	Krinsky, et al.	
	BK	US- 6,614,781 B1	09-02-2003	Elliott, et al.	
	BL	US- 6,467,092 B1	10-15-2002	Geile, et al.	
	BM	US- 6,317,495 B1	11-13-2001	Gaikwad, et al.	
	BN	US- 6,424,657 B1	07-23-2002	Voit, et al.	
	BO	US- 6,081,291	06-27-2000	Ludwig, Jr.	
	BP	US- 6,292,559 B1	09-18-2001	Gaikwad, et al.	
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	BR	US-			
	BS	US-			
	BT	US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BU						
BV						
BW						
BX						
BY						
BZ						

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Sheet 2 of 4

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Application Number	10/766,534
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First Named Inventor	Ying, et al.
Art Unit	2661
Examiner Name	Unknown

Attorney Docket Number 1033-LB1004

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CHS	AB	US- 6,765,864 B1	07-20-2004	Natarajan, et al.	
	AC	US- 6,751,662 B1	06-15-2004	Nararajan, et al.	
	AD	US- 6,735,601 B1	05-11-2004	Subrahmanyam	
	AE	US- 6,771,673 B1	08-03-2004	Baum, et al.	
	AF	US- 6,765,918 B1	07-20-2004	Dixon, et al.	
	AG	US- 6,763,025 B2	07-13-2004	Leatherbury, et al.	
	AH	US- 6,762,992 B1	07-13-2004	Lemieux	
	AI	US- 6,775,232 B1	08-10-2004	Ah Sue, et al.	
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	AK	US- 6,778,525 B1	08-17-2004	Baum, et al.	
	AL	US- 6,751,315 B1	06-15-2004	Liu, et al.	
	AM	US- 6,754,283 B1	06-22-2004	Li	
	AN	US- 6,751,218 B1	06-15-2004	Hagirahim, et al.	
	AO	US- 6,667,971 B1	12-23-2003	Modarressi, et al.	
	AP	US- 6,674,725 B2	01-06-2004	Nabkel, et al.	
	AQ	US- 6,674,749 B1	01-06-2004	Mattathil	
	AR	US- 6,680,940 B1	01-20-2004	Lewin, et al.	
	AS	US- 6,608,835 B2	08-19-2003	Geile, et al.	
CHS	AT	US- 6,570,855 B1	05-27-2003	Kung, et al.	

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	AU					
	AV					
	AW					
	AX					
	AY					
	AZ					

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*Chen*

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